

WHAT IS CLAIMED IS:

1. A touch controlled lighting emitting device comprising:

a base having a device groove at an upper end thereof and a hollow battery set at an lower end thereof;

5 a light emitting body installed on the device groove having a long lead and a short lead;

a battery set installed in the battery groove;

a spring enclosing an periphery of the battery set and a length of the spring being larger than an expandable spring of the battery set;

10 a metal cap in a lower end of the spring and distanced from the spring with a predetermined distance;

wherein a bottom of the device groove of the base is formed with at least one through hole which is communicated with the battery groove; a wall of the device groove is formed with at least one axial slot; a wall of the battery groove is formed with at least one axial recess; each slot is communicated with a respect recess; the short lead of the light emitting body passes through the through hole to be in contact with a top electrode of the battery set in the battery groove; the long lead extends through one slot of the device groove and then
15 bends downwards to be in contact with the spring; further, the wall of the battery groove are formed with two notches; a lower inner wall of
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the battery groove is formed with a ring.

2. The touch controlled lighting emitting device as claimed in claim 1, wherein there are two through holes at the bottom of the device groove; and there are two slots and two recesses which are
5 arranged at opposite sides of the walls of the device groove and battery groove, respectively; the two through holes, two slots, two recesses are at the same diameter line of the bottom of the device groove.

3. The touch controlled lighting emitting device as claimed in
10 claim 1, wherein the two through holes are in a radial recess at the bottom of the device groove; the long lead is embedded in the radial recess.

4. The touch controlled lighting emitting device as claimed in claim 1, wherein the light emitting body includes an IC board and an
15 IC, and light emitting elements.

5. The touch controlled lighting emitting device as claimed in claim 1, wherein at least one sound emitting element is in the device groove.

6. A touch controlled lighting emitting device comprising:
20 a base having a device groove at an upper end thereof and a hollow battery set at a lower end thereof;
a sound emitting body installed on the device groove having a

long lead and a short lead;

a battery set installed in the battery groove;

a spring enclosing an periphery of the battery set and a length of the spring is larger than an expandable spring of the battery set;

5 a metal cap in a lower end of the spring and retained with the spring with a predetermined distance;

wherein a bottom of the device groove of the base is formed with at least one through hole which is communicated with the battery groove; a wall of the device groove is formed with at least one axial
10 slot; a wall of the battery groove is formed with at least one axial recess; each slot is communicated with a respect recess; the short lead of the light emitting body passes through the through holes to be in contact with a top electrode of the battery set in the battery groove; the long lead extends through one slot of the device groove and then
15 bends downwards to be in contact with the spring; further, the wall of the battery groove are formed with two notches; a lower inner wall of the battery groove is formed with a ring.

7. The touch controlled lighting emitting device as claimed in claim 1, further comprising a conduction unit having the function of
20 spring and metal cap; a top of the conduction unit having a buckling ring; a lower edge of the buckling ring extends with an L shape guide sheet; a horizontal section of the guide sheet having a convex portion; and the convex portion of the horizontal section being retained with a

predetermined distance to the electrode.

8. A touch controlled lighting emitting device comprising:

a base having a device groove at an upper end thereof and a hollow battery set at an lower end thereof; a through hole being in the
5 device groove;

a light emitting body installed on the device groove having a long lead and a short lead;

a battery set installed in the battery groove;

wherein a wall of the device groove is formed with at least one
10 axial slot; a wall of the battery groove is formed with at least one axial recess; each slot is communicated with a respect recess; the short lead of the light emitting body passes through the through holes to be in contact with a top electrode of the battery set in the battery groove; the long lead extends through one slot of the device groove
15 and then bends downwards, then the long lead bends to a bottom of the battery groove so as to be formed as a bending portion; the bending portion is retained with a predetermined distance with a lower electrode at a bottom of the battery set; further, the wall of the battery groove are formed with two notches; a lower inner wall of the
20 battery groove is formed with a ring.